



**SINGAPORE
POLYTECHNIC**
Opening Minds Shaping Lives

Authorized by
National Grid
NG
SINGAPORE

Grid Computing Competency Certification (Part 1)

CITREP Endorsed
Terms and Conditions apply

Date: 16 January to 13 March 2006

Duration: 16 sessions (Total: 48 hrs), Mondays and Thursdays, 6:30pm – 9:30pm

Course Fee: \$3,200.00 + \$160.00 (GST) = \$3,360.00 per participant
(excluding Certification Exam fee)

Venue: Singapore Polytechnic

Closing Date: Tuesday, 03 January 2006


Course Coordinator: Mr Tony Ng

Tel: 6870-4669

E-mail: tonyng@sp.edu.sg

Course Preview: Wednesday, 14 December 2005, 4:00pm – 5:00pm (RSVP)

Continuing Education Centre
Email: cec@sp.edu.sg

Course Registration:  **Tel: 6772-1288**

 **Fax: 6772-1957**

 **Website: <http://www.sp.edu.sg/department/dis-cec.htm>**

Course Objective

This course provides the fundamental of Grid Computing training to prepare for the certification exam. This basic knowledge would act as a stepping stone for a more advanced and specialized certification.

Target Audience

The course is intended for professionals who would like to acquire the basic foundation knowledge in Grid Computing. It is particularly suitable for industry professional in Grid Computing, system administrators, or developers.

Course Outline

1. Introduction to Basic Principles
2. Grid Architecture
3. Middleware
4. Security
5. Performance

Entry Requirement

- ★ All participants should possess at least 2-3 years of working IT experience.
- ★ The following knowledge is preferred:
 - a) Concepts of networking and open source,
 - b) Linux operating system,
 - c) Programming experiences (e.g. Scripting, Java, C/C++, etc) and
 - d) Internet technologies.

Certification

A Certificate of Attendance will be issued to every participant whose attendance is not less than 75%. An official Grid Computing Competency Certification (Part 1) will be awarded to participants who have passed the certification exam within 6 months, which will be conducted separately.